sunExt

ELEGANT
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Elegant

Lifestyle

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EXPALUM Pergola is a water tight shading system with rotating louvers. It is made entirely from aluminium ensuring both durability and a sleek, modern appearance.
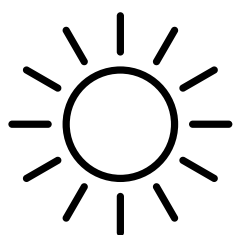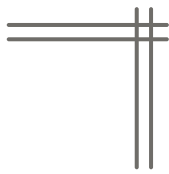
Protection, from sunlight during sunny days, as well as from rainwater or snow, is ensured with its special drainage system. The rotating louvers can be adjusted to provide ample shade, reducing heat and glare.

Modern, design in combination with the variety of colours that we provide, and the possibility of different automated systems addition (Led, rain,wind,snow sensors etc). This customization allows you to create a personalized outdoor space that is both stylish and practical.
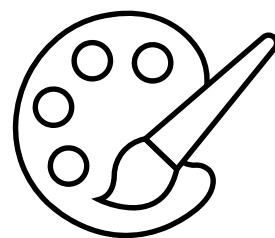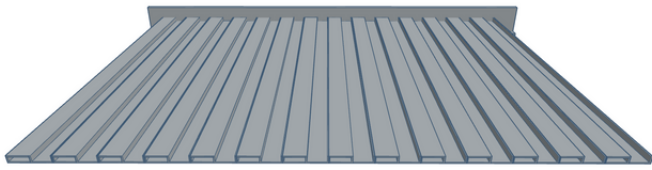
Adaptability, of our Pergola make it ideal for use in outdoor and semi-outdoor spaces in houses, hotel facilities, restaurants, and cafes. This versatility allows it to enhance various environments by providing a comfortable and stylish area for relaxation and entertainment, regardless of the weather.
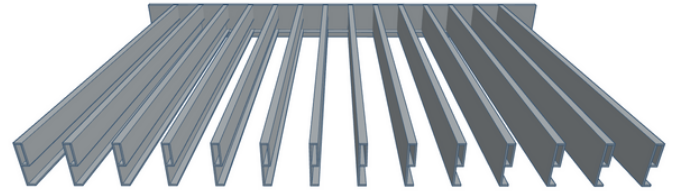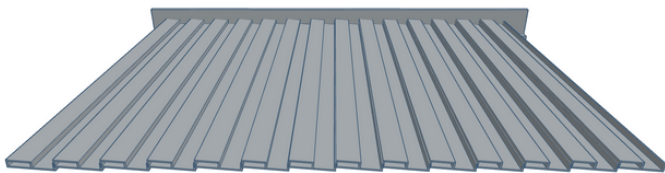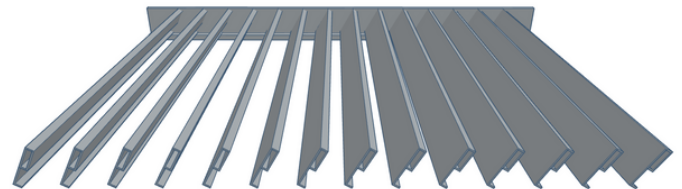
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Slats orientation

The roof remains closed,
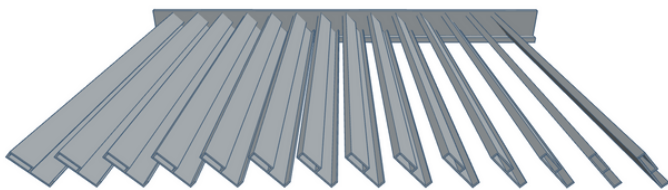offering protection from
all
weather.

Allows the ventilation of
the area
even if it is
raining or snowing.

Allows the sunlight to
enter, controlling though
the illumination.

Allows full use of the
sunlight.

Maximum louver's
opening, that allows
maximum use of
sunlight even in sunset.

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Water evacuation system

The Pergola is designed to
collect rainwater and channel
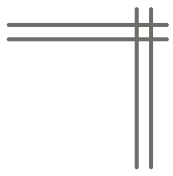it towards the side profiles of
the grid.
Then the rainwater through
the column is guided out of the
construction.
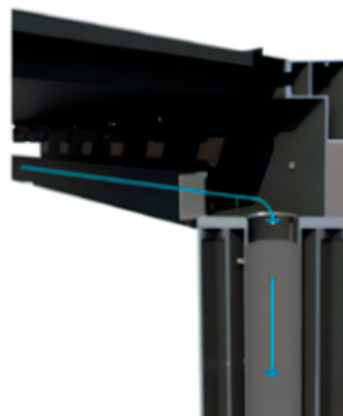
The profile of the slat is studied to
keep the raindrops that
accumulate and do not fall when
the slats start to
move.

The finish of the profiles can
be chosen between anodized,
RAL color or imitation wood.

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Technical data

Water Resistance
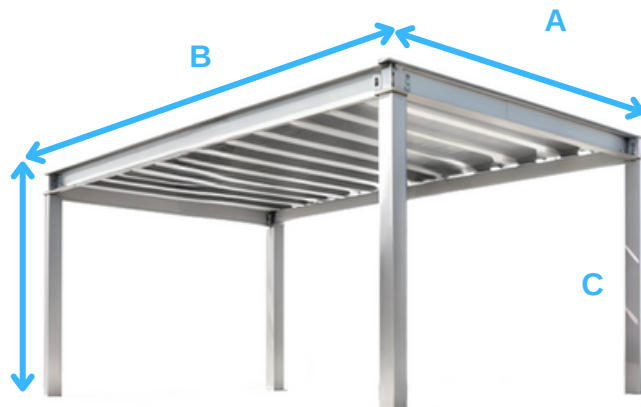UNE-EN 1873:2006
120l/sqm/h

Wind resistance
UNE-EN 12211:2017
600 Pa 224 km/h

Snow resistance
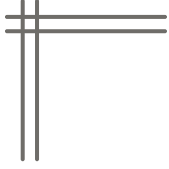120 kg/sqm/h

Maximum dimensions

A: 4500 mm
B: 5500 mm
C: 3000 mm

Or

A: 4000 mm
B: 6000 mm
C: 3000 mm

Or*

A: 4000 mm
B: 7000 mm
C: 3000 mm

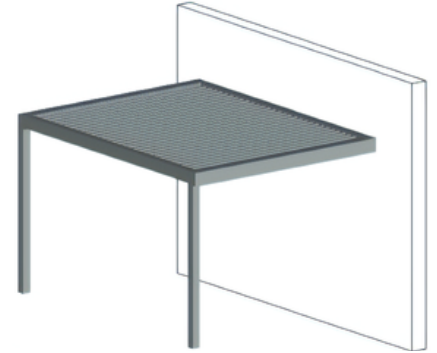*Adding intermediate profiles PF020 & PF21

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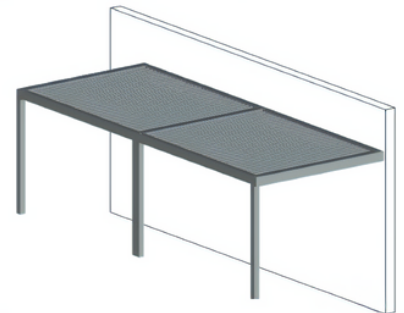# Assembly typology & maximum dimensions
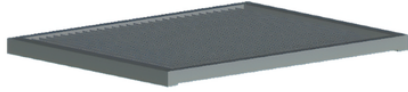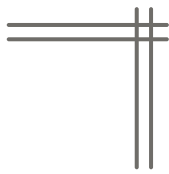
2 columns perpendicular to the wall

3 columns

3 columns perpendicular to the wall

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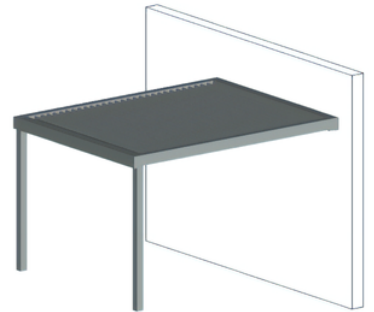# Assembly typology & maximum dimensions
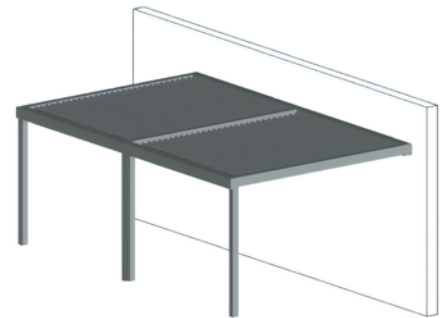
0 columns

4 columns

2 columns parrarel to the wall

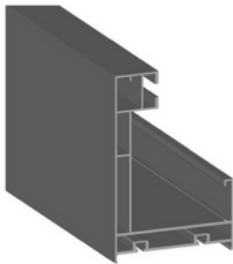3 columns parrarel to the wall
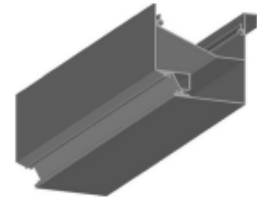
Extrusion Profiles
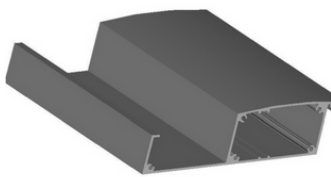
PF027 - PERGOLA BEAM PROFILE 2694 MT

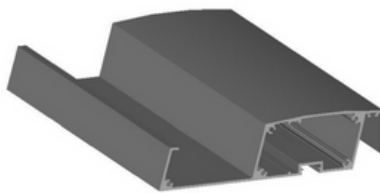**PF028 -** COVER FOR PERGOLA BEAM 2702 MT

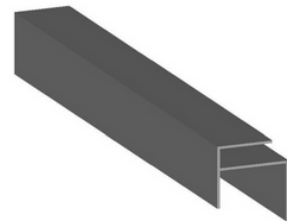**PF029 -** PERGOLA PROFILE FOR LED 2692 MT

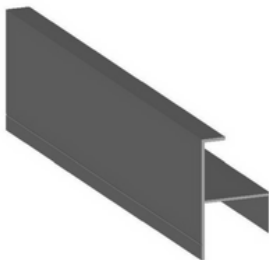**PF030 -** PERGOLA SLAT PROFILE 190522-9 MT

PF007 - LAMA PROFILE FOR LED PERGOLA 190522-9
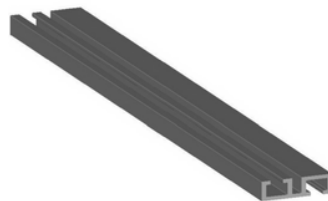
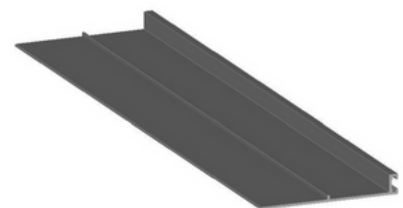**PF024 -** PERGOLA BEGINNING PROFILE 190522-24 NU

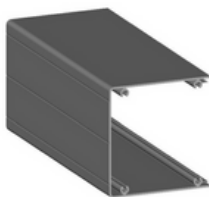**PF002 -** PERGOLA FINAL PROFILE 190522-10

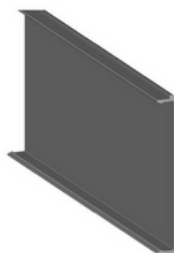**PF012 -** PERGOLA MOTOR PROFILE 190522-5
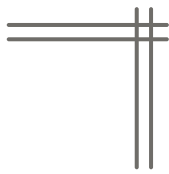
PF011 - UPPER PROFILE PERGOLA LIGHT COVER 190522-4

PC005 - COLUMN PROFILE REF:2009

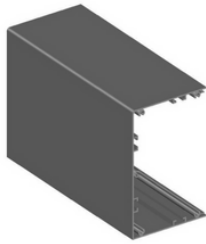**PC006 -** COLUMN PROFILE PLATE REF:2010

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Extrusion Profiles

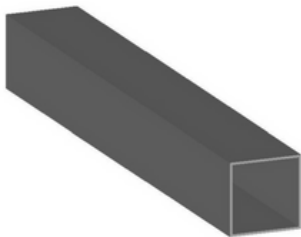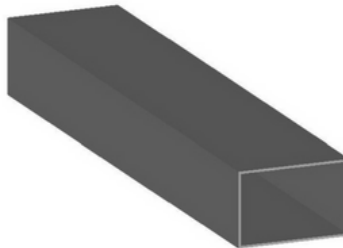**PF037 -** DOUBLE PERGOLA
COLUMN
PROFILE REF:10005

PF038 - DOUBLE PERGOLA
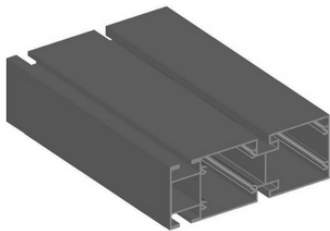COLUMN COVER
REF:10007
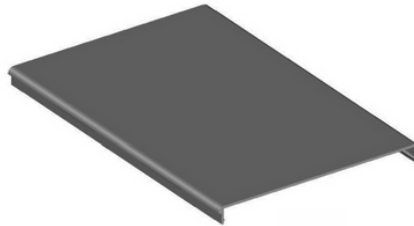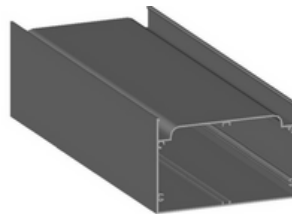
PF023 - ALUMINIUM TUBE 40 X
40 X 1.3

PF026 - ALUMINIUM
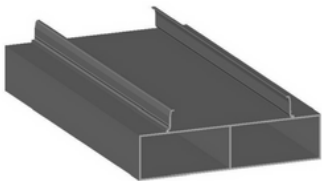TUBE 60 X 40 X 1.3

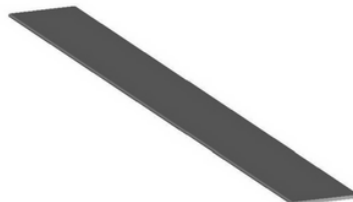**PF039 -** DOUBLE BEAM
BIOCLIMATIC PERGOLA
REF:10015

PF020 - CENTRAL LOWER
PERGOLA PROFILE
20200513-6

PF021 - CENTRAL UPPER
PERGOLA PROFILE REF
20200513-3

PF010 - PLATE PROFILE
30MM PERGOLA
190522-3

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PA019 - BEAM CONNECTION ANGLE 83MM
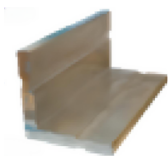
PA020 - BEAM CONNECTION ANGLE 44MM
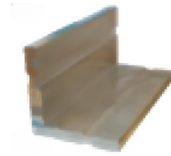
PA148 - ALLEN SCREW CONNECTION ANGLE 7380-2 A-2 5 X12

PA005 - PAIR OF ACCESSORIES FOR THE MOVEMENT OF THE SLAT (B)

PA011 - PAIR OF ACCESSORIES FOR THE MOVEMENT OF THE SLAT (A)
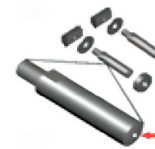
PA003 - PLASTIC PLUG FOR LAMA 200-720

PA082 - BLADE ROTATION PLASTIC PLUG

PA041 - ALUMINUM COVER FOR PERGOLA SLATS SD0514-20 NEW

PA092 - SCREW FOR PERGOLA SLATE COVER A2 4.2 X 16

PA006 - HEXAGONAL SCREW M6 X25 INOX PERGOLA SD0514-14

PA008 - HEXAGONAL NUT FOR M6 STAINLESS PERGOLA BOLT SD0514-18

PA009 - WASHER FOR M6 X 25 SCREW

Accessories

PA151 - SUNEXT PERGOLA MOTOR FIXING KIT

PC015 - BICHROMATED STEEL PART 2 FOR GUTTER CONNECTION REF:124138

PA149 - COLUMN AND BEAM CONNECTION MT 5MM

PA193 - SINGLE COLUMN AND BEAM CONNECTION

PA182 - COLUMN AND CENTRAL BEAM CONNECTION (2 modules)

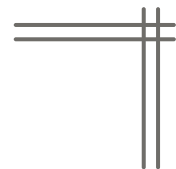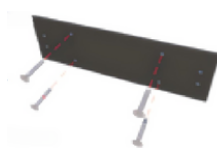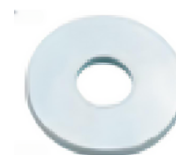**PA144 -** JOINT FOR BEAM COLUMN CONNECTION

PA113 - BRICOMATTED FORGED FIXING SET REF:099252

PA028 - SUPPORT BASE FOR PERGOLA CENTRAL PROFILE 190522-16

PA136 - WASHER 9021 M6

PA131 - PERGOLA BEAM CORNER TRIMMER REF:102667

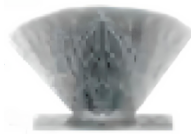**PA180 -** LED PROFILE ANGLE COVER REF:112123

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PA014 - PERGOLA SEALING RUBBER

PG015 - DOORMAT 6.7 X 10 GUILLOTINE REF:GYT-13

PA132 - POREXPAN FOR PERGOLA SLATS 2 METERS REF:XV5890

PA181 - STAINLESS STEEL TRIM FOR PERGOLA DRAIN

PC018 - PVC TUBE 50MM

PC019 - PVC ELBOW 90º 50MM

PA161 - KIT DE SILICONA PARA SELLADO PERGOLAS

PA192 - SILICONE SPRAY

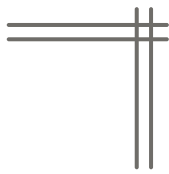**PA143 -** ALLEN SCREW M6 X 20 STAINLESS STEEL CONNECTION 2 PERGOLA
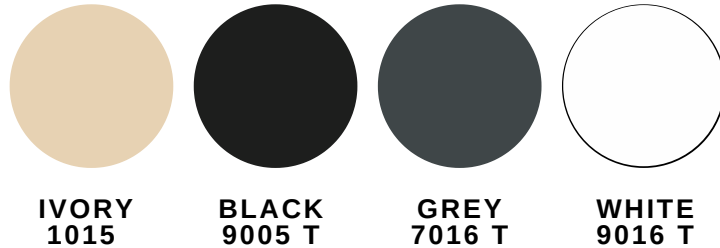
PA128 - RED LIGHT HEATER IR-S15 1500 W

PA129 - LIGHT HEATER 50% IR-M15 1500 W

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Range of colors available for structure and louvers

IVORY
1015

BLACK
9005 T

GREY
7016 T

WHITE
9016 T

*Other colors available under consultation

Enclosure systems

– Guillotine glass systems
– Folding glass panels
– Sliding glass panels
– Zip

Picture 1. Wind Protect
Guillotine & Sliding Crystal

Picture 2. Zip Caribe

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Automated system

– Spotlight led perimeter
– Spotlight led slats
– Perimeter led lightning
– Slats led lightning
– Rain sensor
– Wind sensor
– Infrared heating
– Music set
– Smartphone control
– Additional power outlet

Engine

– Piston engine